

Amendments to the Claims

Please amend claims 1, 10, 14, 20 & 22-24 as set forth below. In accordance with current amendment practice, all pending claims are reproduced below. Changes in the amended claims are shown by underlining (for added matter) and strikethrough/double brackets (for deleted matter).

1. (Currently Amended) System comprising:

a contactless label chipcard attached to a product containing at least information [[for]] identifying said product and [[said]] payment status thereof, and a component for execution of [[the]] an update of the payment status of said product

a device for reading and initiating update of the payment status comprising at least:

a contactless reader for reading information stored in said contactless label chipcard

a component for generating an invoice based on said information received from said contactless label chipcard

a component for checking payment of said invoice

a component for initiating update of the payment status in the contactless label chipcard.

2. (Original) System according to claim 1, wherein said label chipcard contains following information:

Label ID

Product ID

Payment status PAID or NOT PAID

AuthenticationKey.

3. (Original) System according to claim 2, wherein said label chipcard additionally contains product price information.

4. (Original) System according to claim 2, wherein said information are stored in the non-volatile memory of said label chipcard.

5. (Original) System according to claim 1, wherein said contactless reader comprising at least a component for sending to and receiving information from said label chipcard.

6. (Original) System according to claim 5, wherein said contactless reader uses inductive coupling for data transmission.

7. (Original) System according to claim 1, wherein said contactless label chipcard comprises at least a component for sending to and receiving information from said contactless reader.

8. (Original) System according to claim 7, wherein said contactless reader comprises at least a component for sending to and receiving information from said label chipcard, said contactless reader further comprising a generator for generating a RF-field whereby said contactless reader and said contactless label chipcard uses said RF-field for data transmission.

9. (Original) System according to claim 1, wherein said component for generating an invoice has access to enterprise data not contained in said label chipcard for generating an invoice.

10. (Currently Amended) System according to claim 1, wherein said device for reading and initiating the update of the payment status further comprises:

a data processing device with non-volatile memory for storing said [[a]] component for checking the payment of said invoice and said component for initiating the update of the payment status in said contactless label chipcard

a data connection between said data processing device and said reader

a display device for displaying invoice information

a warning device for detecting not paid products.

11. (Original) System according to claim 10 further comprises:

a contact card reader as payment means

a contactless card reader as payment means.

12. (Original) System according to claim 10, wherein said device for reading and initiating the update of the payment status is part of a check-out system.

13. (Original) Contactless product label chipcard for use in a system according to claim 1 comprising at least:

a component for sending to and receiving information from a contactless reader

a non-volatile memory containing at least following information:

Label ID

Product ID

Payment status PAID or NOT PAID

AuthenticationKey

a component for execution of the update of the payment status by means of authentication.

14. (Currently Amended) A device for reading and initiating payment status for use in a system according to 1 comprising at least:

a contactless reader for reading information stored in said contactless label chipcard

a component for generating an invoice based on said information received from said contactless label chipcard

component for initiating update of the payment status on said label chipcard

a data processing device for storing said [[a]] component for checking the payment of said invoice and said component for initiating update of the payment status in said contactless label chipcard

a data connection between said data processing device and said reader

a display device for displaying invoice information

a warning device for detecting not paid products.

15. (Original) Method for executing payments in a system as claimed in claim 1 comprising the steps of:

Detecting presence of a contactless label chipcard in the range of the contactless reader

Requesting product information from said detected label chipcard

Storing product information in a memory of said device

Repeating aforementioned steps for all label chipcards detected in the range of said contactless reader

Generating invoice based on said information stored in said memory

Execution of payment and examination of validity of said payment

Sending “RequestSetPaid” with authentication protocol information by said component for initiating update of the payment status via said contactless reader to a selected label chipcard if the payment was valid

Execution of said “RequestSetPaid” on said selected label chipcard by said component for execution the update of the payment status when the authentication protocol information provided with said “RequestSetPaid” is identical with the authentication protocol information generated by said label chipcard

Repeating execution step for all articles or products covered by the invoice

Inactivating said warning system.

16. (Original) Method according to claim 15 wherein said product information contains a product identification ID and/or a product price information.

17. (Original) Method according to claim 16 wherein said product price information can be changed by an authorized device.

18. (Original) Method according to claim 15 wherein said invoice is generated with further product data identified by means of said information provided by said label chipcard.

19. (Original) Method according to claim 15 wherein the execution of payment is supported by an user interface with different option of payment.

20. (Currently Amended) Method according to claim 15 wherein the step of detecting presence of the label chipcard comprises the further steps:

detecting presence of a contactless payment chipcard in the range of the contactless reader

offering use of the detected contactless payment chipcard for performing
[[the]] the payment.

21. (Original) Method according to claim 15 wherein said authentication protocol information is a digital signature or a MAC.

22. (Currently Amended) Computer program product stored in the internal memory of a computer containing parts of software code for performance of the method according to claim 15 ~~if the product is implemented on the computer~~.

23. (Currently Amended) Computer program product stored in the internal memory of a computer containing parts of software code for performance of the method according to claim 17 ~~if the product is implemented on the computer~~.

24. (Currently Amended) Computer program product stored in the internal memory of a computer containing parts of software code for performance of the method according to claim 20 ~~if the product is implemented on the computer~~.

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